digital offset printing specifications

- Sheet Size is 12″x18″ (with a total imageable area of 11.75″x17.5″)

    *If your design requires bindery or finishing needs, we will require bleed and trim marks added to your design.

- Substrate thickness on our commercial press ranges from 60# to 130# weight papers.

- Substrate thickness on our industrial press ranges from 3 ml to 20 ml plastics, and 24 pt. board weight.

- All substrate needs to be Indigo certified to ensure ink adhesion.

- Process Liquid Inks: Yellow, Magenta, Cyan, and Black. Our inks are ElectoInks with a gamut range that meets or exceeds that of traditional offset inks. We can accurately render over 80% of Pantone® colors.

- Our plates are imaged with a AM screening technology with a true halftone dot and line per square inch (LPI).

- Digital output resolution is 812.8 dpi x 812.8 dpi. We have hybrid screening built in to enhance the resolution of text and 0.25 pt black rules.

- The total area coverage (TAC) recommended for our presses is between 300% - 320%. This means ink density should not exceeds 320% in the design.

    Example: Yellow = 70%, Magenta = 70%, Cyan = 85%, Black = 95%. If you add up the percentages of color the total area coverage is 320%.

- Our recommendation for a rich black is 100% Black, 40% Cyan, 20% Magenta, and 20% Yellow.

- Although trapping of the electronic file is not required, four color black type is not recommended.

Rev.2.2.06

Top-Quality On-Demand Digital Offset **Printing**

314.469.0505 | *921 Fee Fee Road*
St. Louis, MO 63043

TOP GRAPHICS